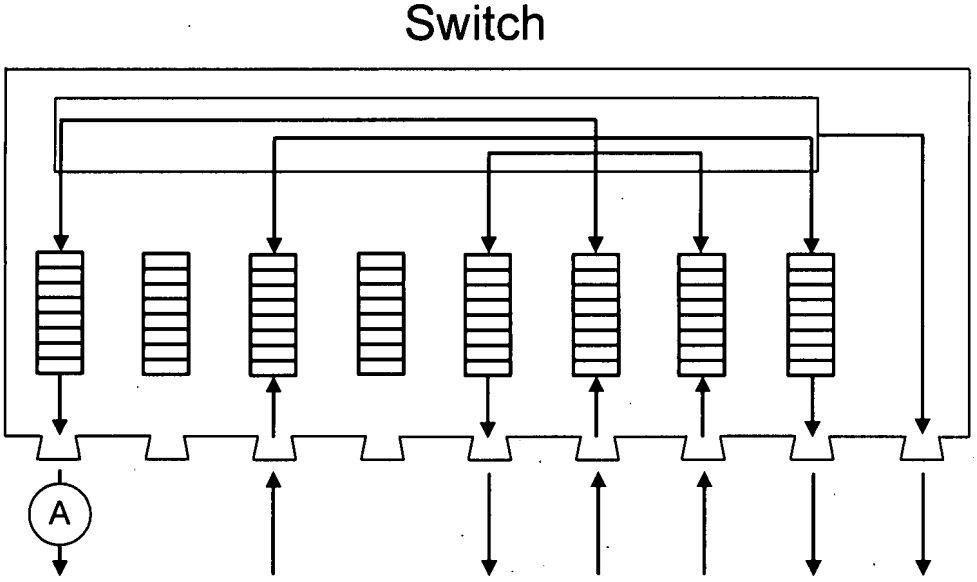
OIPE
JUN 04 2007
PATENT & TRADEMARK OFFICE
IAP1



Special switch port set up for port aliasing.
This port is tied directly to the switch backbone

Figure 1
(PRIOR ART)

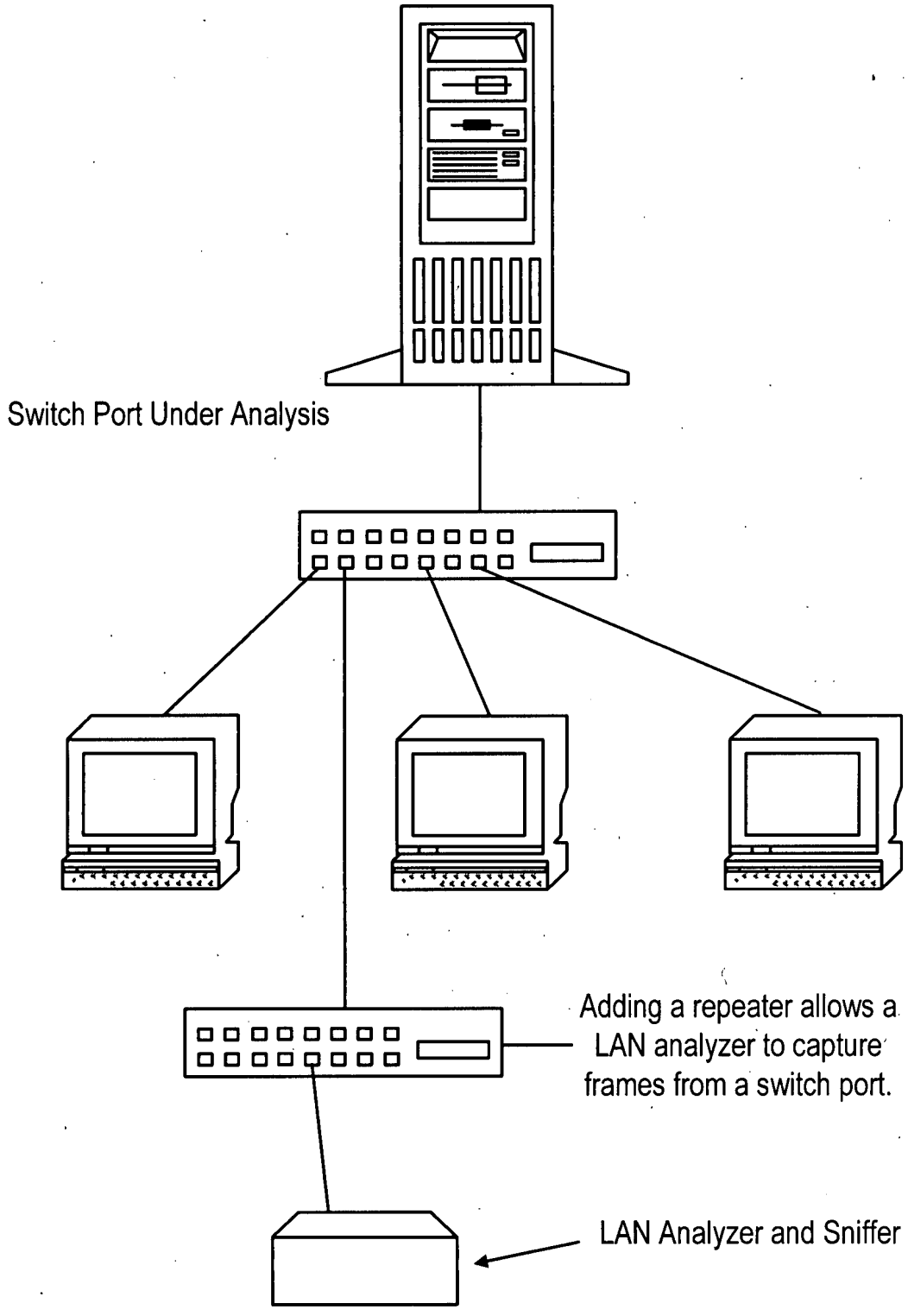


Figure 2 (PRIOR ART)

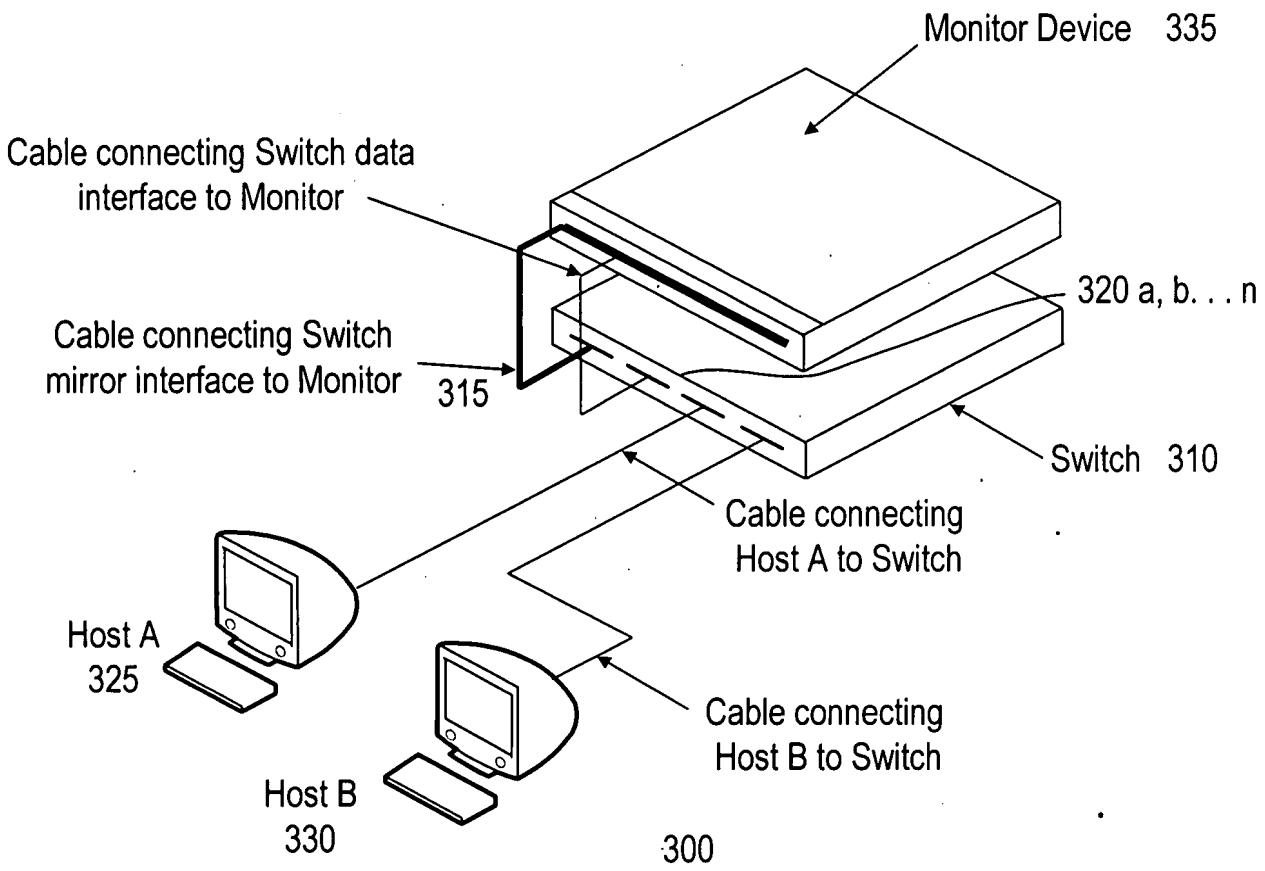


Figure 3

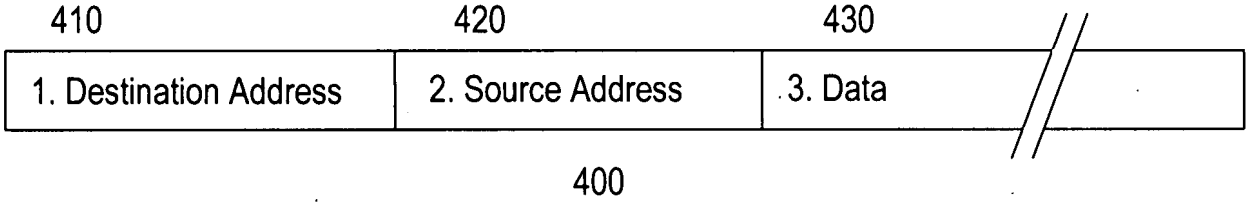


Figure 4

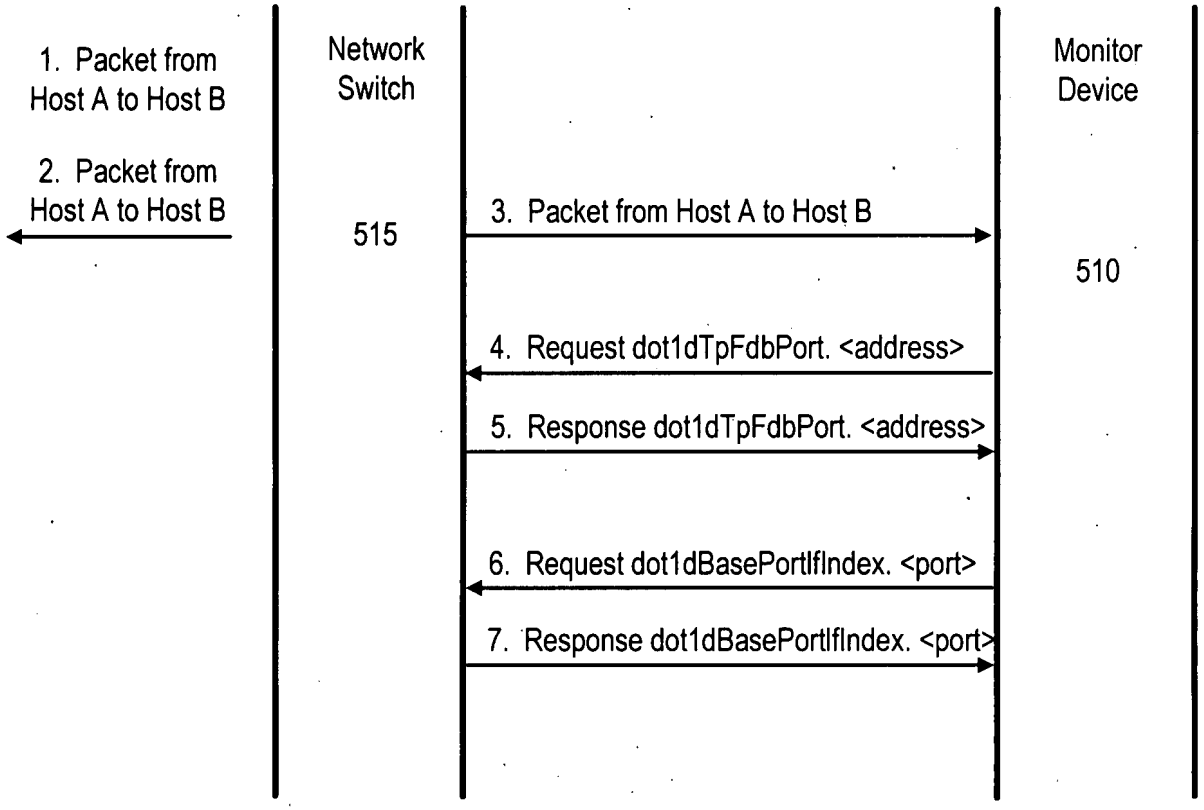

1. Packet from Host A to Host B
2. Packet from Host A to Host B
Network Switch
515
Monitor Device
510
3. Packet from Host A to Host B
4. Request dot1dTpFdbPort. <address>
5. Response dot1dTpFdbPort. <address>
6. Request dot1dBasePortIfIndex. <port>
7. Response dot1dBasePortIfIndex. <port>

Figure 5

Flow Chart - Receiving a Packet from the Mirror Port

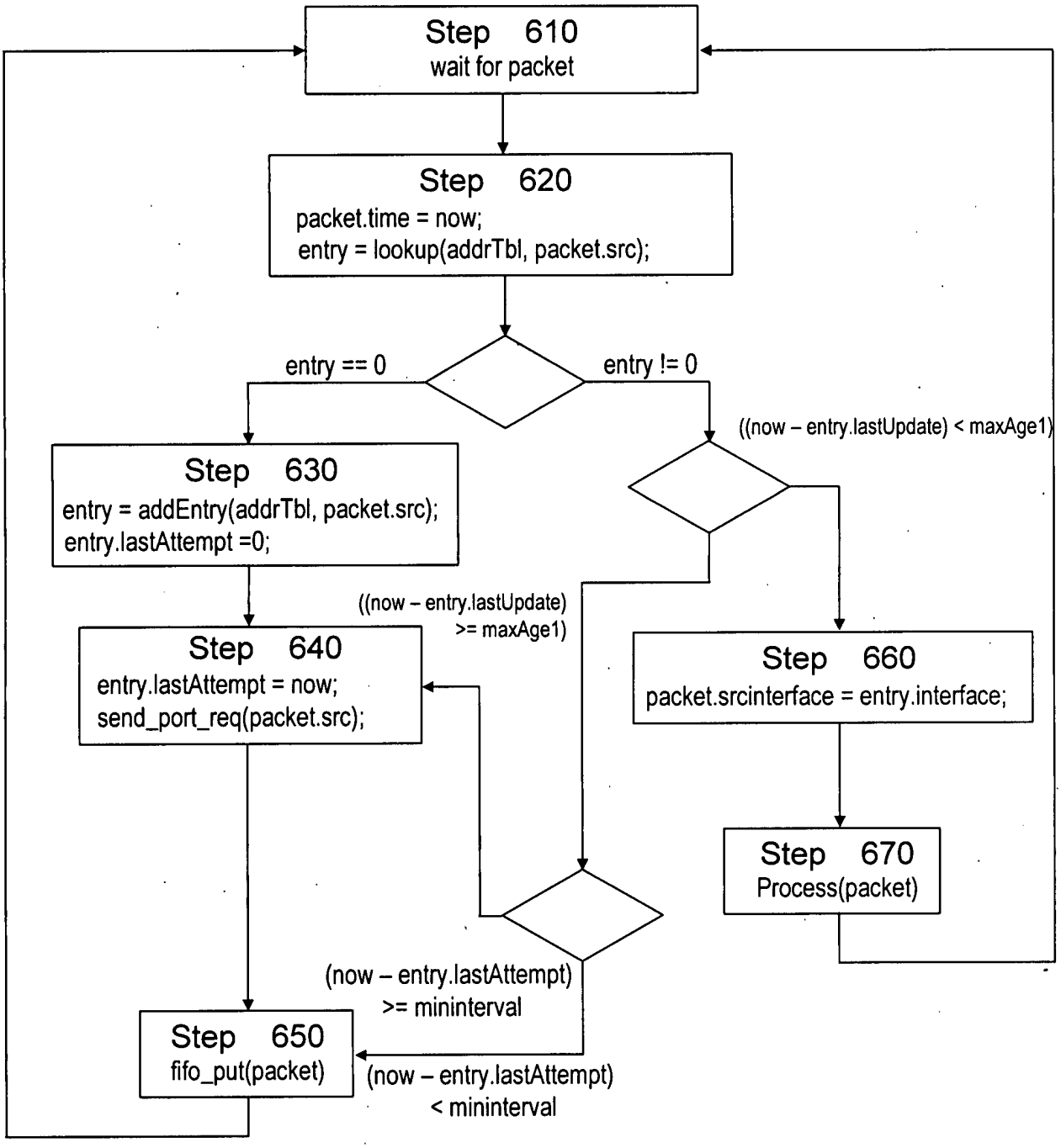


Figure 6

Flow Chart - Receiving an SNMP Response

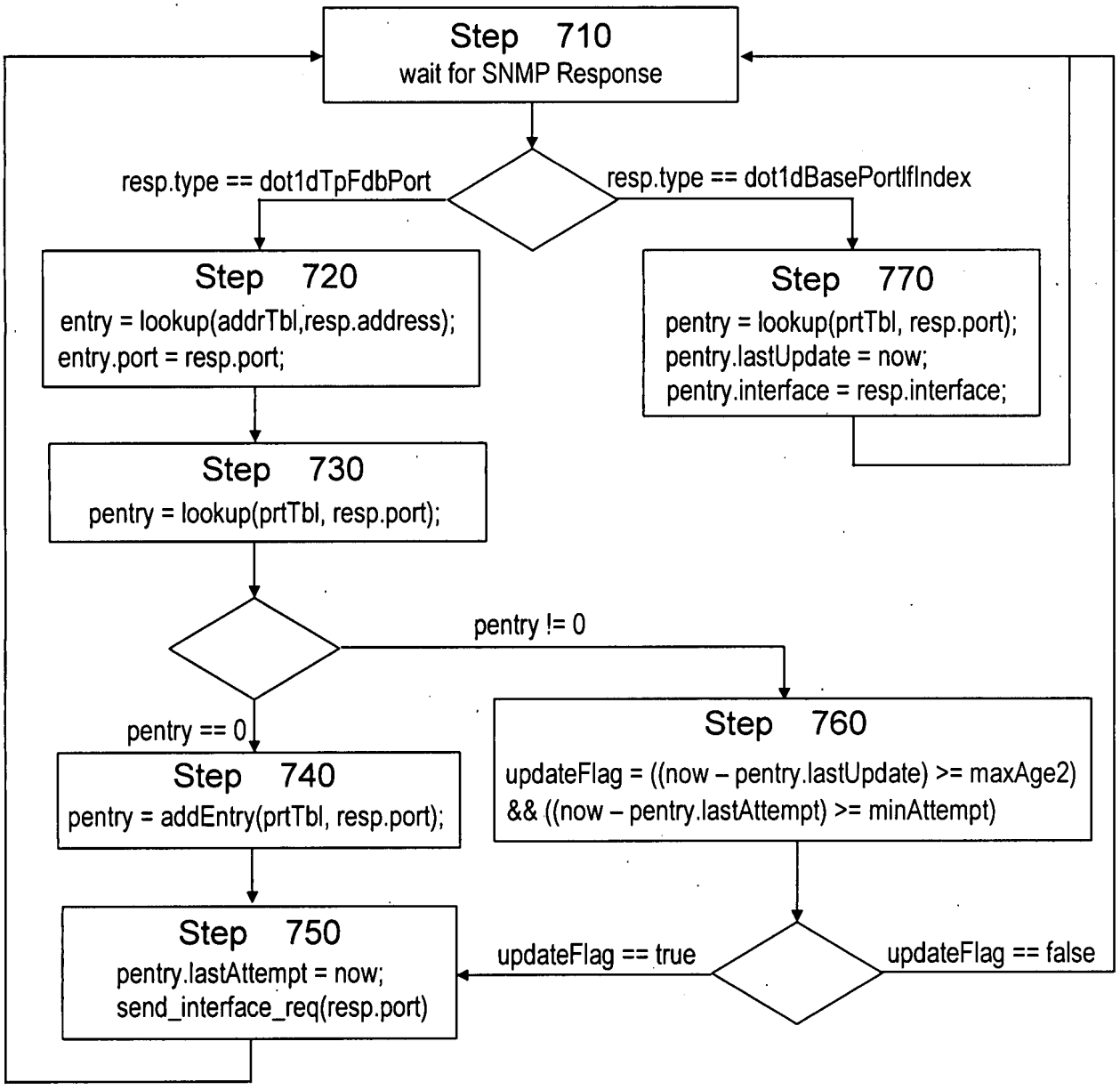


Figure 7

Flow Chart – Removing Packets from FIFO

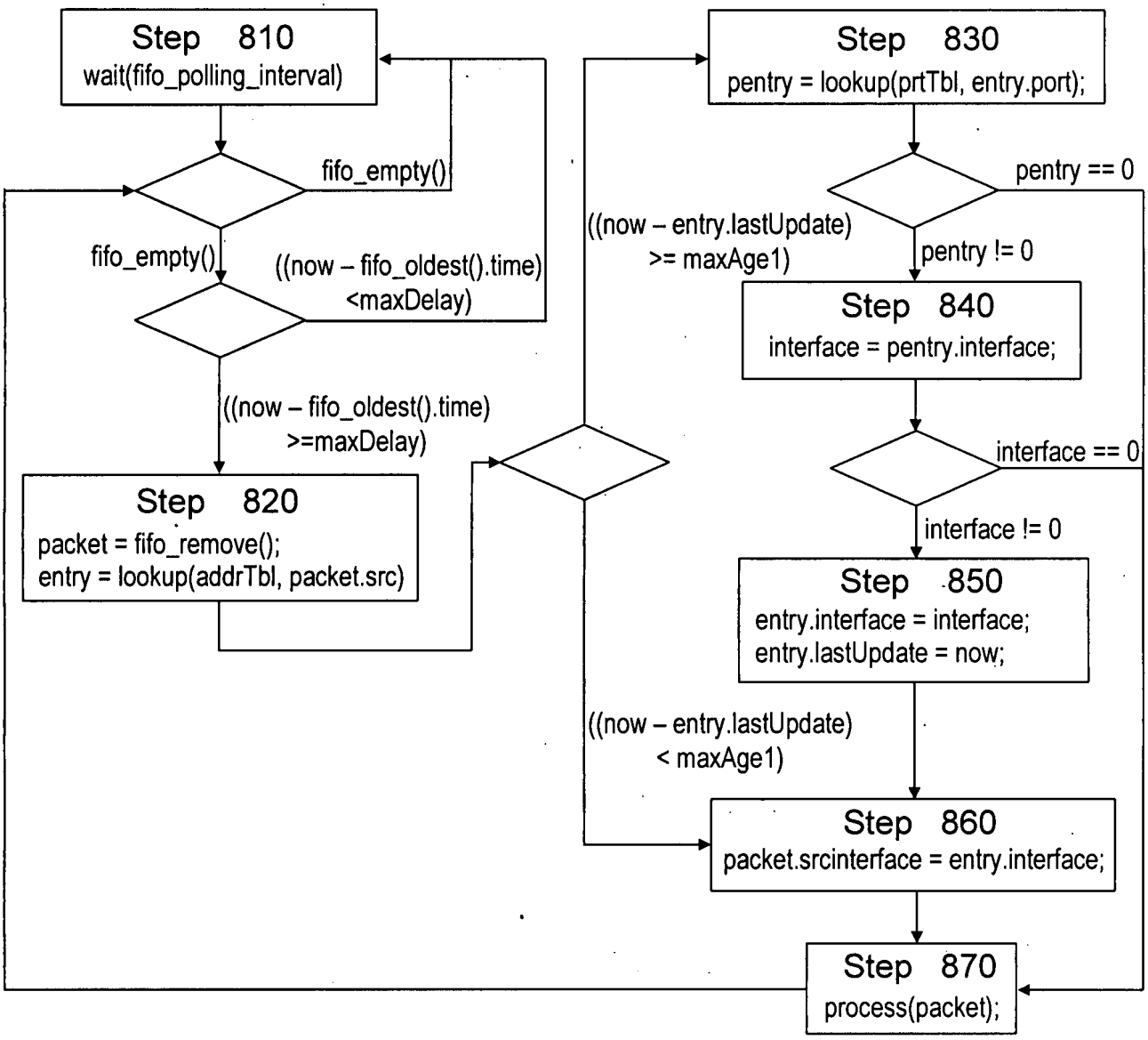


Figure 8